

ABSTRACT OF THE DISCLOSURE

In a hydraulic circuit for controlling a clutch/brake system having a clutch that is disposed separately from the brake in a main drive of a mechanical press, wherein the brake is spring-loaded in a direction opposite to an engagement direction of the clutch, a piston/cylinder unit is provided that moves the clutch and the brake into a coupling position or a braking position, respectively. A pressure line connects a press safety valve to the piston/cylinder unit for generating torque at the clutch. A bidirectionally passable hydraulic connection connects a metering piston unit to the piston/cylinder unit in parallel to the press safety valve.